SEQUENCE LISTING

<110> TREMBLAY, Johanne HAMET, Pavel LEWANCZUK, Richard GOSSARD, Francis

<120> A Novel Hypertension Related Calcium Regulated Gene

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<140> 09/223.796

<141> 1998-12-31

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<170> PatentIn Ver. 2.1

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<221> CDS

<222> (132)..(803)

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ccc gct gac agt cac agt ggc cgg gtc agt ttc ctg ggt tcc cag ccc 218
Pro Ala Asp Ser His Ser Gly Arg Val Ser Phe Leu Gly Ser Gln Pro

tct cca gaa gtg acg gcc gtg gct cag ctc ttg aag gac tta gac agg 266 Ser Pro Glu Val Thr Ala Val Ala Gln Leu Leu Lys Asp Leu Asp Arg

agc acc ttc aga aag ttg ttg aaa ctt gta gtc ggg gcc ctg cat ggg 314 Ser Thr Phe Arg Lys Leu Leu Lys Leu Val Val Gly Ala Leu His Gly

aaa gac tgc aga gaa gct gtg gag caa ctt ggt gcc agc gcc aac ctg 362 Lys Asp Cys Arg Glu Ala Val Glu Gln Leu Gly Ala Ser Ala Asn Leu

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	gcc Ala	caa Gln	cag Gln	cag Gln 145	gga Gly	tcc Ser	tcg Ser	ctg Leu	cct Pro 150	cac His	gtg Val	tct Ser	tac Tyr	ttc Phe 155	egg Arg	tgg Trp	602
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	ccg Pro	agt Ser 175	gtt Val	ctc Leu	atg Met	cag Gln	ctg Leu 180	aag Lys	ctc Leu	aca Thr	gat Asp	gga Gly 185	tct Ser	gca Ala	cac His	cgc Arg	698
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<213> Rattus rattus

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Val Thr Ala Val Ala Gln Leu Leu Lys Asp Leu Asp Arg Ser Thr Phe $\frac{35}{40}$

Arg Lys Leu Lys Leu Val Val Gly Ala Leu His Gly Lys Asp Cys 50

Arg Glu Ala Val Glu Gln Leu Gly Ala Ser Ala Asn Leu Ser Glu Glu

75

65

70

Arg Leu Ala Val Leu Leu Ala Gly Thr His Thr Leu Leu Gln Gln Ala 8.5 90

Leu Arg Leu Pro Pro Ala Ser Leu Lys Pro Asp Ala Phe Gln Glu Glu 100 105

Leu Gln Glu Leu Gly Ile Pro Gln Asp Leu Ile Gly Asp Leu Ala Ser 120

Leu Ala Phe Gly Ser Gln Arg Pro Leu Leu Asp Ser Val Ala Gln Gln

Gln Gly Ser Ser Leu Pro His Val Ser Tyr Phe Arg Trp Arg Val Asp 150

Val Ala Ile Ser Thr Ser Ala Gln Ser Arg Ser Leu Gln Pro Ser Val

Leu Met Gln Leu Lys Leu Thr Asp Gly Ser Ala His Arg Phe Glu Val

Pro Ile Ala Lys Phe Gln Glu Leu Arg Tyr Ser Val Ala Leu Val Leu

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297 totgcatctg ggaccgacct cotgggctgg ctgatcaaag aggaagcagc agca atg 1

tot got gtg ggg got goa act coa tac ctg cat cat cot ggt gat agt 345 Ser Ala Val Gly Ala Ala Thr Pro Tyr Leu His His Pro Gly Asp Ser

cac agt ggc cga gtg agt ttc ttg ggg gcc cag ctt cct cca gag gtg 393 His Ser Gly Arq Val Ser Phe Leu Gly Ala Gln Leu Pro Pro Glu Val 25 30 20

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cgt Arg	ctg Leu	ccc Pro 100	ccc Pro	acc Thr	agc Ser	ctg Leu	aag Lys 105	cct Pro	gac Asp	acc Thr	ttc Phe	agg Arg 110	gac Asp	cag Gln	ctc Leu	633
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<212> PRT

<213> Homo sapiens

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Arg Lys Leu Leu Lys Phe Val Val Ser Ser Leu Gln Gly Glu Asp Cys 50 60

Arg Asp Gly Val Gln Arg Leu Gly Val Ser Ala Asn Leu Pro Glu Glu 65 70 75 80

Gln Leu Gly Ala Leu Leu Ala Gly Met His Thr Leu Leu Gln Gln Ala 85 90 95

Leu Gln Glu Leu Cys Ile Pro Gln Asp Leu Val Gly Asp Leu Ala Ser $115 \\ 120 \\ 125$

Val Val Phe Gly Ser Gln Arg Pro Leu Leu Asp Ser Val Ala Gln Gln 130 135 140

Gln Gly Ala Trp Leu Pro His Val Ala Asp Phe Arg Trp Arg Val Asp 145 150150155

Val Ala Ile Ser Thr Ser Ala Leu Ala Arg Ser Leu Gln Pro Ser Val

Leu Met Gln Leu Lys Leu Ser Asp Gly Ser Ala Tyr Arg Phe Glu Val

Pro Thr Ala Lys Phe Gln Glu Leu Arg Tyr Ser Val Ala Leu Val Leu 195 200 205